IAP4 Rec'd PCT/PTO 21 NOV 2005

November 17, 2005

File No. 14149-12US MG/lyl

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Medicago Inc.

Inventors:

Dominique Michaud et al.

Serial No.:

10/519,845

I.A.Filing date: July 29, 2003

Art Unit:

Title:

METHOD FOR ENHANCING THE NUTRITIVE VALUE OF

PLANT EXTRACT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the duty of disclosure under 37 CFR 1.56, copies of the references listed on the attached PTO Form SB/08A/B are submitted herewith.

The Commissioner is hereby authorized to charge the fee of \$180.00, required for late submission of this Information Disclosure Statement in accordance with 37 CFR 1.97(c), to Deposit Account Number 19-5113. The Commissioner is further authorized to charge any fees which may be required, or credit any overpayment to the Deposit Account # 19-5113.

In accordance with 37 CFR 1.97(h), the submission of the present information is not to be construed as an admission that such information is, or is considered to be material to patentability.

The Examiner is kindly requested to consider these references during the examination of the above-identified application, making the references of record, and to return an initialed copy of the Form SB/08A/B to the undersigned agent.

Respectfully submitted,

MEDICAGO INC.

By:

Sébastien Clark Patent Agent

Registration No. 56,651 OGILVY RENAULT, LLP

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Encls: Copies of references

Copies of references Form PTO/SB/08A/B

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known Application Number 10/519.845 Filing Date January 13, 2005 First Named Inventor **Dominique MICHAUD** Art Unit **Examiner Name** Attorney Docket Number 14149-12US MG/lyl

	U.S. PATENT DOCUMENTS					
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines Where Relevant Passages or Relevant	
Initials*	No.1	Number - Kind Code (ii known)	Applicant of Cited Document	Figures Appear		
		2002108149	08-08-2002	GRUIS et al.		
		5990384	11-23-1999	BAGGA et al.		
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code3 – Number4 – Kind Code5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant Of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	τ°		
		WO 0011198	03-02-2000	FADER				
		WO 9820133	05-14-1998	RAO et al.				
		WO 0210415	02-07-2002	Li et al.				
		WO 0125454	04-12-2001	VEZINA et al.				
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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10/519,845 January 13, 2005 **Dominique MICHAUD** 14149-12US MG/lyl Attorney Docket Number

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
kamin er itials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
	-	FRANCE BRUNELLE ET AL., « Protein hydrolysis by Colorado potato beetle, Leptinotarsa decemlineata, digestive proteases: The catalytic role of cathepsin D », Archives of Insect Biochemistry and Physiology, vol. 42, no.1, September 1999, pp 88-98.	
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Examin Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Cite No.1 T2 item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), nitials* publisher, city and/or country where published BRANDLE et al., 1993, « Field performance and heavy metal concentrations of transgenic flue-cured tobacco expressing a mammalian metallothioneinbeta-glucoronidase gene fusion », Genome 36:255-260. MICHAUD & YELLE, 2000, « Production of useful Protease Inhibitors in plants », in: Recombinant protease inhibitors in plants. Ed. Michaud Austin TX, pp. 195-206. D. MICHAUD et al., 1996, « Assessing the stability of cystatin/cysteine proteinase complexes using midlydenaturing gelatin/polyacrylamide gel electrophoresis », Electrophoresis 17:74-79 M. TAYLOR 2000, «Using protease proregions as regulators of insect digestive proteinases» In: Recombinant protease inhibitprs in plants. Ed. Michaud Austin, TX, pp. 141-147. BUSSE et al., November 2001, « Production of antibodies in alfalfa (Medicago sativa) », Molecular Farming of Plants and Animals for the Application in Human and Veterinary Medecine, Kluwer Academic Pucblishers, Chapter 9:199-219. GUTIÉRREZ-CAMPOS R et al., 2001, « Pleiotropic effects in transgenic tobacco plants expressing oryzacystatin I gene », Hortscience 36:565-571. VIERSTRA, 1996, « Proteolysis in plants: mechanisms and functions », Plant Mol. Biol. 32:275-302, GLEDDIE & MICHAUD, 2000, « The control of plant pathogens with protease inhibitors: A realistic approach? », in: Recombinant protease inhibitors in plants. Ed. Michaud, Austin TX, pp. 53-64. D. MICHAUD., 2000, « Protease inhibitor interactions in plant-pest systems » In: Recombinant protease inhibitors in plants. Ed. Michaud, Austin TX, pp. 1-8 MICHAUD et al., 1998, «Stability of recombinant proteins in plants», Methods in Biotechnology, Recombinant proteins from plants: Production and isolation of clinically useful compounds. Ed. Cunningham & Porer, Totowa NJ, 3, pp 177-188. L. M. Tabe et al., 1995, « A biotechnological approach for improving the nutritive value of alfalfa » J. Plant

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